

ABSTRACT OF THE DISCLOSURE

5 A method for producing a durable electron-emitting
device having a uniform electron emission
characteristic, an electron source, and an image-
forming apparatus having a uniform display
characteristic for a long period are provided. The
method for producing an electron-emitting device
according to the present invention includes the steps
of: disposing a cathode electrode on a surface of a
10 substrate; providing an electrode opposite the cathode
electrode; disposing plural pieces of fiber containing
carbon as a main component on the cathode electrode;
and applying potential higher than potential applied to
the cathode electrode under depressurized condition to
15 an electrode opposite the cathode electrode.

Patented April 2, 1968